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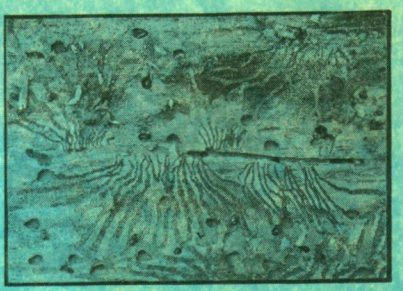
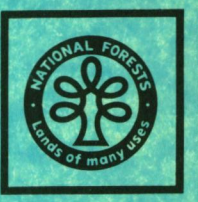


A revised list of Seed and Cone Insects Collected from Conifers in the Intermountain Region.



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Branch of Forest Insect and Disease Prevention and Control

Division of Timber Management

Region Four Forest Service

U.S. Department of Agriculture

Ogden, Utah 84401

February 1973

A revised list of Seed and Cone Insects Collected from Conifers in the Intermountain Region.

by

Maxine W. Moyer & Douglas L. Parker

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PONDEROSA PINE *(Pinus ponderosa* **Laws.)**

Species	State Collected	Taxonomic Specialist
Psocoptera		
Lachesillidae		
Lachesilla pacifica Chapman	Utah	E. L. Mockford
Lachesilla sp.	Utah	E. L. Mockford
Hemiptera		
Anthocoridae		
Tetraphleps canadensis Provancher	Utah	J. L. Herring
Homoptera		
Aphididae		
Cinara sp.	Idaho	L. M. Russell
Coleoptera		
Lathridiidae		
Corticaria sp.	Idaho Utah	J. M. Kingsolver
Scolytidae		
Conophthorus ponderosae Hopkins	Utah	D. M. Anderson
Lepidoptera		
Olethreutidae		
prob. *Hedulia injectiva* Heinrich	Idaho	D. M. Weisman
Laspeyresia miscitata Heinrich	Idaho	D. R. Davis
Laspeyresia piperana Kearfott	Idaho	D. R. Davis
Pyralidae		
Dioryctria sp.	Utah	D. M. Weisman
Diptera		
Cecidomyiidae		
Asynapta keeni (Foote)	Idaho Utah	R. J. Gagne
Cecidomyia sp., new sp.	Idaho	R. J. Gagne
Profeltiella sp. sensu lato, new sp.	Idaho	R. J. Gagne
Rosseliella sp.	Idaho	R. J. Gagne
Thomasiniana sp.	Idaho	R. J. Gagne
Chamaemyiidae		
Lonchaea sp.	Idaho Utah	G. Steyskal

PONDEROSA PINE *(Pinus ponderosa* Laws.)

Species	State Collected	Taxonomic Specialist
Diptera (con't)		
Lonchaeidae		
Lonchaea sp.	Idaho	G. Steyskal
Tachinidae		
Xanthophyto (?n. sp.)	Utah	C. W. Sabrosky
Bethylidae		
?? Cephalonomia utahensis Brues	Utah	A. S. Menke
Braconidae	Idaho	
Apanteles aristotelliae (Viereck)	Utah	P. M. Marsh
Bracon rhyacioniae (Muesebeck)	Idaho	P. M. Marsh
Chelonus (Microchelonus) sp.	Idaho	P. M. Marsh
Orgilus n. sp.	Utah	C. F. W Muesebeck
Pauesia sp.	Idaho	P. M. Marsh
Encyrtidae		
Cheiloneurus sp.	Idaho	B. D. Burks
Eulophidae		
Hyssopus novus Girault	Idaho	B. D. Burks
Figitidae		
Melanips sp.	Idaho	B. D. Burks
Ichneumonidae		
Exeristes comstockii (Cresson)	Idaho	R. W. Carlson
Pteromalidae		
Dibrachys cavus (Walker)	Utah	B. D. Burks
Mesopolobus sp.	Idaho	B. D. Burks
Torymidae		
Megastigmus albifrons Walker	Utah	B. D. Burks

PINYON PINE (*Pinus edulis* Engelm.)

Species	State Collected	Taxonomic Specialist
Coleoptera		
Scolytidae		
Conophthorus edulis Hopkins	Utah	D. M. Anderson
Lepidoptera		
Olethreutidae		
Eucosma bobana Kearfott	Utah	D. R. Davis
Melissopus latiferreanus (Walsingham)	Utah	D. R. Davis
Diptera		
Cecidomyiidae		
Asynapta keeni (Foote)	Utah	R. J. Gagne
Hymenoptera		
Braconidae		
Bracon sp.	Utah	P. M. Marsh
Encyrtidae		
Pentalitomastix sp.	Utah	B. D. Burks
Ichneumonidae		
Exochus turgidus Holmgren	Utah	R. W. Carlson
New genus and new sp. of Alomyini	Utah	R. W. Carlson
Pteromalidae		
Acerocephala atroviolacea (Crawford)	Utah	B. D. Burks
Rhopalicus pulchripennis (Crawford)	Utah	B. D. Burks

SINGLELEAF PINYON (*Pinus monophylla* T. & F.)

Species	State Collected	Taxonomic Specialist
Coleoptera		
Lathridiidae		
Corticaria sp.	Nevada	L. M. Walkley
Scolytidae		
Conophthorus monophyllae Hopkins	Nevada	D. M. Anderson
Lepidoptera		
Gelechiidae		
Coleotechnites sp.	Nevada	R. W. Hodges
Olethreutidae		
Eucosma bobana Kearfott	Nevada	D. R. Davis
Pyralidae		
Dioryctria sp.	Nevada	W. D. Duckworth
Hymenoptera		
Braconidae		
Apanteles starki Mason	Nevada	P. M. Marsh
Chelonus (Microchelonus) sp.	Nevada	P. M. Marsh
Ceraphronidae		
Ceraphron sp.	Nevada	P. M. Marsh
Ichneumonidae		
Exeristes comstocki (Cresson)	Nevada	R. W. Carlson
Pteromalidae		
Acerocephala atroviolacea Crawford	Nevada	B. D. Burks
Dinotiscus sp.	Nevada	B. D. Burks

LIMBER PINE (*Pinus flexilis* James)

Species	State Collected	Taxonomic Specialist
Coleoptera		
Scolytidae		
Conophthorus flexilis Hopkins	Idaho	S. L. Wood
Lepidoptera		
Olethreutidae		
Eucosma sp. prob. *bobana* Kearfott	Utah	D. R. Davis
Pyralidae		
Dioryctria abietella (Denis & Schiffermuller)	Utah	W. D. Duckworth
Dioryctria reniculella (Grote)	Utah	W. D. Duckworth
Hymenoptera		
Braconidae		
Apanteles sp.	Idaho	P. M. Marsh
Apanteles starki Mason	Utah	C.F.W. Muesebeck
Ichneumonidae		
Campoplex sp.	Idaho	R. W. Carlson

BRISTLECONE PINE (*Pinus aristata* Engelm.)

Species	State Collected	Taxonomic Specialist
Coleoptera		
Lathridiidae		
Corticaria sp.	Utah	J. M. Kingsolver
Scolytidae		
Conophthorus edulis Hopkins	Utah	S. L. Wood
Lepidoptera		
Pyralidae		
Dioryctria abietella (Denis & Schiffermuller)	Utah	D. M. Weisman
Diptera		
Cecidomyiidae		
Asynapta keeni (Foote)	Utah	R. J. Gagne
Profeltiella sp.	Utah	R. J. Gagne
Chamaemyiidae		
Leucopis sp.	Utah	G. Steyskal
Hymenoptera		
Braconidae		
Apanteles aristoteliae (Viereck)	Utah	P. M. Marsh
Bracon sp.	Utah	P. M. Marsh
Pteromalidae		
Acerocephala atroviolacea (Crawford)	Utah	B. D. Burks

WESTERN LARCH (*Larix occidentalis* Nutt.)

Species	State Collected	Taxonomic Specialist
Hemiptera		
Anthocoridae		
Tetraphelps latipennis Van Duzee	Idaho	J. L. Herring
Diptera		
Cecidomyiidae		
Rosseliella sp.	Idaho	R. J. Gagne

ENGELMANN SPRUCE (*Picea engelmannii* Parry)

Species	State Collected	Taxonomic Specialist
Hemiptera		
Anthocoridae		
Tetraphleps latipennis Van Duzee	Idaho	J. L. Herring
Coleoptera		
Cryptophagidae		
Cryptophagus tuberculosus Maklin	Idaho	J. M. Kingsolver
Lathridiidae		
Corticaria sp.	Idaho	J. M. Kingsolver
Lepidoptera		
Olethreutidae		
Laspeyresia youngana Kearfott	Idaho	D. M. Weisman
Pyralidae		
Dioryctria abietella (Denis & Schiffermuller)	Idaho	D. M. Weisman
Dioryctria sp.	Idaho	D. M. Weisman
Diptera		
Chamaemyiidae		
Leucopis sp.	Idaho	G. C. Steyskal
Sciaridae		
Bradysia sp.	Idaho	R. J. Gagne
Syrphidae		
Parapenium simile (Curran)	Idaho	L. V. Knutson
Hymenoptera		
Braconidae		
Bracon rhyacioniae Muesebeck	Idaho	P. M. Marsh
Bracon sp.	Idaho	P. M. Marsh
Eulophidae		
Aprostocetus sp.	Idaho	B. D. Burks
Hyssopus evetriae (Girault)	Idaho	B. D. Burks
Hyssopus sp.	Idaho	B. D. Burks

ENGELMANN SPRUCE (*Picea engelmannii* Parry)

Species	State Collected	Taxonomic Specialist
Hymenoptera (con't)		
Ichneumonidae		
Campoplex conocola Rohwer	Idaho	P. M. Marsh
Platygasteridae		
Platygaster sp.	Idaho	P. M. Marsh
Torymidae		
Torymus sp.	Idaho	B. D. Burks

GRAND FIR (*Abies grandis* (Dougl.) Lindl.)

Species	State Collected	Taxonomic Specialist
Coleoptera		
Cryptophagidae		
Cryptophagus tuberculosus Maklin	Idaho	J. M. Kingsolver
Lathridiidae		
Lathridius minutus (L.)	Idaho	J. M. Kingsolver
Salebius minax Casey	Idaho	J. M. Kingsolver
Lepidoptera		
Olethreutidae		
Laspeyresia sp.	Idaho	D. M. Weisman
Diptera		
Cecidomyiidae		
Asynapta keeni (Foote)	Idaho	R. J. Gagne
Brachineura n. sp.	Idaho	R. J. Gagne
Mycodiplosis conicola (Foote)	Idaho	R. J. Gagne
Sciaridae		
Bradysia sp.	Idaho	R. J. Gagne

WHITE FIR *(Abies concolor* **(Gord. and Glend.) Lindl.)**

Species	State Collected	Taxonomic Specialist
Diptera		
Anthomyiidae		
Hylemya abietis Huckett	Utah	G. Steyskal
Cecidomyiidae		
Dasineura sp., sensu lato	Utah	G. Steyskal
Hymenoptera		
Pteromalidae		
Mesopolobus sp.	Utah	B. D. Burks
Torymidae		
Megastigmus pinus Parfitt	Calif. Utah	B. D. Burks
Megastigmus rafni Hoffmeyer	Calif. Utah	B. D. Burks

SUBALPINE FIR *(Abies lasiocarpa* (Hook.) Nutt.)

Species	State Collected	Taxonomic Specialist
Hemiptera		
Anthocoridae		
Xylocoris sp.	Idaho	J. L. Herring
Diptera		
Anthomyiidae		
Hylemya abietis Huckett	Utah	G. Steyskal
Cecidomyiidae		
Dasineura sp., sensu lato	Utah	R. J. Gagne
Dasineura sp. possibly *abiesemia* Foote	Idaho	R. J. Gagne
Hymenoptera		
Braconidae		
Agathis sp.	Utah	B. D. Burks
Torymidae		
Megastigmus lasiocarpae Crosby	Utah	B. D. Burks

DOUGLAS-FIR (*Pseudotsuga menziesii* (Mirb.) Franco var. *menziesii*)

Species	State Collected	Taxonomic Specialist
Coleoptera		
Cryptophagidae		
Cryptophagus tuberculosus Maklin	Idaho	J. M. Kingsolver
Salebius minax Casey	Idaho	J. M. Kingsolver
Lathridiidae		
Corticaria sp.	Idaho	J. M. Kingsolver
Lathridius minutus (L.)	Idaho	J. M. Kingsolver
Lepidoptera		
Olethreutidae		
Barbara colfaxiana Kearfott	Idaho	D. M. Weisman
Barbara colfaxiana taxifoliella (Busck)	Idaho	D. M. Weisman
Phaloniidae		
Henricus fuscodorsana (Kearfott)	Idaho	D. R. Davis
Pyralidae		
Dioryctria abietella (Denis & Schiffermuller)	Idaho	D. M. Weisman
Dioryctria sp.	Idaho	D. M. Weisman
Diptera		
Cecidomyiidae		
Asynapta keeni (Foote)	Idaho	R. J. Gagne
Brachineura n. sp.	Idaho	R. J. Gagne
Contarinia washingtonensis Johnson	Idaho	R. J. Gagne
Sciaridae		
Bradysia sp.	Idaho	R. J. Gagne
Hymenoptera		
Braconidae		
Apanteles petrovae Walley	Idaho	C.F.W. Muesebeck
Apanteles absonus Muesebeck	Idaho	C.F.W. Muesebeck
Eulophidae		
Tetrastichus strobilus Burks	Idaho	B. D. Burks
Ichneumonidae		
Campoplex conocola (Rohwer)	Idaho	R. W. Carlson
Exeristes comstockii (Cresson)	Idaho	R. W. Carlson
Glypta evetriae Cushman	Idaho	R. W. Carlson
Pteromalidae		
Habrocytus sp.	Idaho	B. D. Burks

DOUGLAS-FIR (*Pseudotsuga menziesii* (Mirb.) Franco var. *menziesii*)

Species	State Collected	Taxonomic Specialist
Hymenoptera (con't)		
Torymidae		
Torymus sp., nr. *capitis* (Huber)	Idaho	B. D. Burks